

MATERIAL SAFETY DATA SHEET

Date Prepared: November 13, 2003

1. PRODUCT/COMPANY IDENTIFICATION

Product Name:

SAKRETE® ALL WEATHER BLACKTOP PATCH
SAKRETE® BLACKTOP PATCH

Emergency Telephone:

800-424-9300 (Chemtrec) or
703-527-3887 (Outside USA)

Manufacturer's Name & Address:

Bonsal American/ an Oldcastle Company
8201 Arrowridge Blvd.
Charlotte, NC 28273

Telephone Number for Information:

704-525-1621

2. EMERGENCY AND FIRST AID

EYES:

Flush with large amounts of water for at least fifteen minutes, lifting upper and lower lids, contact physician.

SKIN:

Immediately wash with soap and water. Remove contaminated clothing and laundry before reuse. Contact physician if redness or itching develops and persists.

INHALATION:

Remove to fresh air. If respiratory functions are impaired, administer oxygen and obtain immediate medical attention.

INGESTION:

Do not induce vomiting. Keep person warm and quiet and obtain immediate medical attention.

COMMENT:

Obtain immediate medical attention for any overexposure.

3. COMPOSITION INFORMATION

DESCRIPTION:

Blacktop Patch is an asphalt based product containing aggregate.

See Section 4 for Hazardous Ingredients

4. HAZARDOUS INGREDIENTS

COMPONENT	OSHA PEL (8-Hour TWA)	ACGIH TLV-TWA (1995-1996)	NIOSH REL (8-Hour TWA)
Petroleum Asphaltic Base (CAS #8052-42-4)	*(1)5	*(1)5	
Limestone (CAS #1317-65-3)	*(2)10	*(2)10	
Petroleum (CAS #68476-34-6)	*(3)500 N/E		
Crystalline silica (CAS #14808-60-7)	$\frac{10 \text{ mg of total dust}}{\text{m}^3}$ % SiO ₂ + 2	0.5 mg respirable quartz/m ³	0.05 mg respirable quartz dust/m ³

*(1) As fumes

*(2) Total dust

*(3) NIOSH recommends a limit of 100mg/m 3-8 hour time weighted average.

5. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

NOTE: Potential health effects may vary depending upon the duration and degree of exposure. To reduce or eliminate health hazards associated with this product, use exposure controls or personal protection methods as described in Section 12.

EFFECTS OF OVEREXPOSURE:

EYE CONTACT:

Can cause severe irritation, redness, tearing, and blurred vision.

SKIN CONTACT:

Prolonged or repeated contact can cause moderate irritation, dermatitis.

INHALATION:

Excessive inhalation of heated materials in an enclosed heated area may cause nausea, dizziness, weakness, headache, possible unconsciousness and even asphyxiation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Eyes or Skin: Itching or burning
Inhalation: Dizziness and / or shortness for breath, irritation to lungs and / or nasal passages, nausea.

COMMENT:

This product as with any chemical may enhance allergic conditions on certain people. Above results are based on similar product testing. No human exposure data is available. This product contains petroleum solvent. Materials similar to petroleum solvent have been shown to produce skin cancer in laboratory animals following repeated exposure without washing or removal.

6. ACCIDENTAL RELEASE MEASURES

Contain spill immediately with inert material. Place in appropriate labeled container for disposal. Avoid inhalation and contact with eyes.

7. PHYSICAL/CHEMICAL DATA

BOILING POINT:	Not applicable	EVAPORATION RATE:	Slower than ether
VAPOR DENSITY:	Heavier than air	SOLUBILITY IN WATER:	Negligible
	PERCENT VOLATILE (by volume): 0-4%		
COLOR:	Black coated stone with petroleum odor	SPECIFIC GRAVITY (H₂O = 1.0):	Greater than water.

8. FIRE AND EXPLOSION

FLASH POINT: (Method used)	Greater than 200(F) (Cleveland Tag Open Cup)	EXPLOSIVE LIMIT:	Unknown
FLAMMABLE LIMITS	Unknown	SPECIAL FIRE FIGHTING PROCEDURES:	Wear NIOSH/MSHA approved self-contained breathing equipment and protective clothing.
EXTINGUISHING MEDIA:	Carbon Dioxide, foam, dry chemical and water fog.		

9. STABILITY AND REACTIVITY DATA

STABILITY:	Product is normally stable at ambient temperatures and pressures.
INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):	Avoid contact with strong oxidizing agents and strong acids.
HAZARDOUS DECOMPOSITION:	May produce hazardous decomposition products when exposed to extreme heat.

10. PRECAUTIONS FOR HANDLING AND STORAGE

HANDLING AND STORAGE	Avoid extreme temperatures. Keep container closed when not in use.
SPILL:	Use dry clean-up methods that do not disperse or allow entry into surface water, municipal or sewer. Place in an appropriate container for disposal or use. Avoid inhalation and contact with skin and eyes. Use exposure control and personal protection methods as described in Section 12.

11. TOXICOLOGICAL INFORMATION

See Section 5 for Hazard Identification. No recognized unusual toxicity to plants and animals.

Conditions aggravated by exposure: Eye disease, Skin disorders and Chronic Respiratory conditions.

12. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Use local exhaust or general dilution ventilation to control below applicable exposure limits. Minimize dispersal into the air. Avoid breathing vapor spray mist.

If local or general ventilation is not adequate to control levels below applicable exposure limits or when dust causes irritation or discomfort, use MSHA/NIOSH approved respirators.

EYE PROTECTION:

Wear safety glasses with side shields or goggles to avoid contact with the eyes. When spraying, or unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when handling this product.

SKIN PROTECTION:

Wear impervious alkali-resistant gloves, boots, long-sleeved shirt, long pants or other protective clothing to prevent skin contact. If contact occurs, wash areas contacted by material with soap and water.

13. DISPOSAL CONSIDERATIONS

DISPOSAL:

Comply with all applicable local, state and federal regulations for disposal of unusable or contaminated materials. Dispose of packaging/containers according to local, state and federal regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORTATION DATA

Blacktop Patch is not hazardous under U.S. DOT.

15. OTHER REGULATORY INFORMATION

Status under TSCA (as of May 1997):

Substances in Blacktop Patch are on the TSCA inventory list.

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. It is the user's obligation to determine the conditions of safe use of this product.